

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A receptor chip, on which a recombinantly expressed biotinylated receptor protein is immobilized via a factor capable of specifically binding to biotin, wherein the receptor protein comprises a biotinylation sequence motif, wherein the biotinylation of the receptor protein has been carried out within a bacterial host and the immobilized receptor protein is obtained by refolding a biotinylated receptor protein expressed as an inclusion body within the host, and wherein the receptor protein has the ability of being specifically bound by a ligand of the receptor protein, and wherein the receptor is a scavenger receptor LOX-1.

2.-16. (Canceled)

17. (Previously Presented) A receptor chip according to claim 1, wherein the biotinylated protein is immobilized to a sensor site of a surface plasmon resonance device, a quartz-crystal microbalance, or a mass spectrophotometer.

18.-43. (Canceled)

44. (Previously Presented) A receptor chip according to claim 17, wherein the chip conforms to a shape of an insertion site of the surface plasmon resonance device.

45. (Previously Presented) A receptor chip according to claim 17, wherein the biotinylated receptor protein is immobilized on a quartz oscillator.